



Docket No.: 44575C US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jozef J. Van Dun et al.

Application No.: 10/817,030

Confirmation No.: 2797

Filed: April 2, 2004

Art Unit: 1711

For: **BIMODAL POLYETHYLENE PIPE  
COMPOSITION AND ARTICLES MADE  
THEREFROM**

Examiner: N. M. Nutter

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement, pursuant to 37 CFR 1.114(c), accompanies the Request for Continued Examination (37 CFR 1.114) submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material

information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1512, under Order No. 44575C US. A duplicate copy of this paper is enclosed.

Dated: January 5, 2006

Respectfully submitted,

By Jane M. Terry  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete If Known</b>	
		Application Number	10/817,030
		Filing Date	04/02/2004
		First Named Inventor	Jozef J. Van Dun
		Art Unit	1711
		Examiner Name	N.M. Nutter
		Attorney Docket Number	44575CUSC

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,542,199	09-17-1985	Kaminsky, et al.	
		US-5,382,630	01-17-1995	Stehling, et al.	
		US-5,536,796	07-16-1996	Jejelowo, et al.	
		US-5,408,004	04-18-1995	Lai et al.	
		US-5,847,053	12-08-1998	Chum et al.	
		US-5,677,383	10-14-97	Chum et al.	
		US-5,723,507	03-03-98	Markovich et al.	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		WO-94/25523	11-10-1994	The Dow Chemical Company		
		WO-95/05419	02-23-1995	The Dow Chemical Company		
		WO-97/43323	11-20-1997	The Dow Chemical Company		
		WO-94/17112	08-04-1994	The Dow Chemical Company		
		WO-97/33935	09-18-97	The Dow Chemical Company		
Examiner Signature				Date Considered		

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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		US-5,582,923	12-10-1996	Kale, et al.	
		US-5,631,069	05-20-1997	Wooster, et al.	
		US-5,773,155	06-30-1998	Kale, et al.	
		US-5,844,045	12-01-1998	Kolthammer, et al.	
		US-6,462,161 B1	10-08-2002	Cady, et al.	
		US-6,111,023	08-29-2000	Chum et al.	
		US-6,316,549	11-13-2001	Chum et al.	
		US-6,538,080	03-25-03	Swindoll et al.	

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		WO-95/30713	11-16-1995	The Dow Chemical Company	
		WO-96/35750	11-14-1996	The Dow Chemical Company	
		WO-97/29152 (Abstract)	08-14-1997	Buna Sow Leuna Olefinverbund GMBH	
		EP-0022376 B1	03-25-1987	Mitsui Petrochemical Industries	
		EP-0776909 B1	11-19-2003	Asahi Kasei Kabushiki Kaisha	
		EP-0783022 B1	09-22-2004	Mitsui Chemical Inc.	
Examiner Signature				Date Considered	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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		US-6,469,103 B1	10-22-2002	Jain, et al.	
		US-2004/0266966 A1	12-30-2004	Schramm, et al.	
		US-2003/0055176	03-20-2003	Jacobsen et al.	
		US-2003/0120013	06-26-2003	Jacobsen et al.	
		US-6,545,094	04-08-2003	Oswald et al.	
		US-6,723,793	04-20-2004	Oswald et al.	

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		DE-3127133 (US-4,542,199)	01-27-1983	Hoechst AG		
Examiner Signature				Date Considered		

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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